ATCC

Product Sheet

Listeria monocytogenes (ATCC® 19112™)

Please read this FIRST

Biosafety Level
2

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Listeria monocytogenes* (ATCC® 19112™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: Li 21
Deposited Name: *Listeria monocytogenes* (Murray et al.) Pirie
Antigenic Properties: Serotype 2

Propagation

Medium
ATCC® Medium 44: Brain Heart Infusion Agar/Broth

Growth Conditions
Temperature: 37.0°C

Propagation Procedure
1. Open vial according to enclosed instructions.
2. From a single tube of #44 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette and use to rehydrate the entire pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
4. Use several drops of this suspension to inoculate an additional broth tube, a #44 agar slant and/or a plate. A sheep blood agar plate may be inoculated to check for hemolysis.
5. Incubate the tubes and plate at 37°C for 24 hours.

Notes

Colonies are circular with entire margins, convex elevation, and smooth surfaces. This strain is b-hemolytic on sheep blood agar.

Cells are regular rods occurring singly, in pairs and short chains. Short rods are most common but longer rods also occur. Some cells exhibit tumbling motility.

Additional information on this culture is available on the ATCC web site at www.atcc.org.

References

References and other information relating to this product are available online at www.atcc.org.

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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